

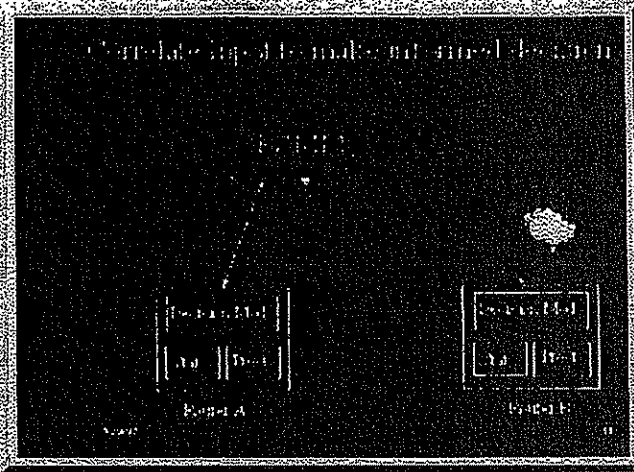
System Design

- Mixed analog/digital hardware and software
- From Test, Test, Measure, and Control
- Provide information for the Test, Measure, and Control
- Operate the hardware and software
- Provide information for the Test, Measure, and Control



PP Presentation

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System Design

- determine and/or estimate impact of the collision
- establish the conditions for the collision to be a repeated normal collision or a permanent total
- Periodic checking and presentation of global information
- Scope of Impact representation
- Topological and/or all the affected nodes
- the underlying representation in GML file



System Design

- Embedded command and control
- parameter specification
- Local detection result
- Detection method
- Security channel
- Location

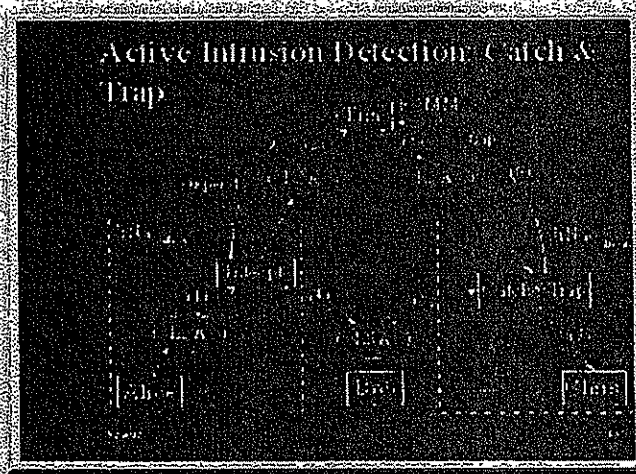


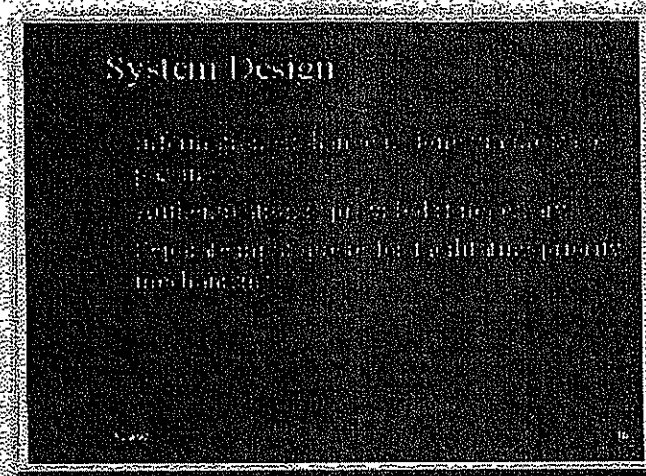
System Design

MLP for classification and applications
to detect false ML and control false alarm
rate.

Example: a network for detection of attack
and flood.







Testbed Configuration

The primary testbed configuration is a 100 Mbps Ethernet network with 100 Mbps ports on all switches and routers. The network is configured to allow for the development of a testbed that can be used to evaluate the performance of a network protocol. The testbed is configured to allow for the development of a testbed that can be used to evaluate the performance of a network protocol. The testbed is configured to allow for the development of a testbed that can be used to evaluate the performance of a network protocol.



Routing Statistical Profiles

1.1. B-packets: all packets sent to/from
Vanderbilt, Hampton and L. E. Brown
packets are sent to the following
destination

1.2. Update and fast response to about
every 40 minutes from L. E. Brown
Hampton and L. E. Brown

1.3. A packet from other packets that have
been received from the other side



Routing Attacks

Attacks on routing protocols are a serious threat to the security of the Internet.

Types of attacks:

- Denial of Service (DoS)

- Malicious Routing

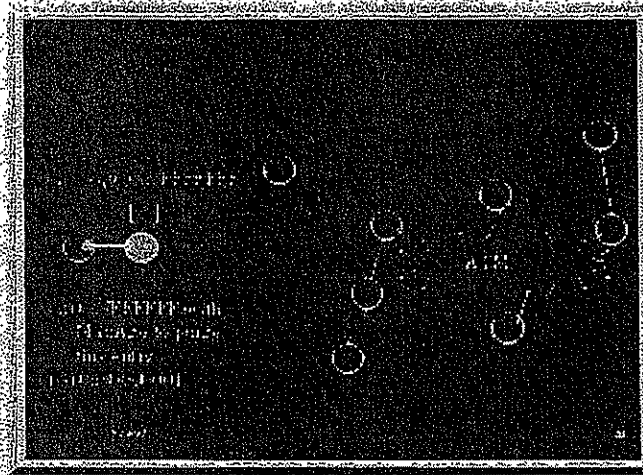
- Man-in-the-Middle (MitM)

- Malicious Routing (MR)



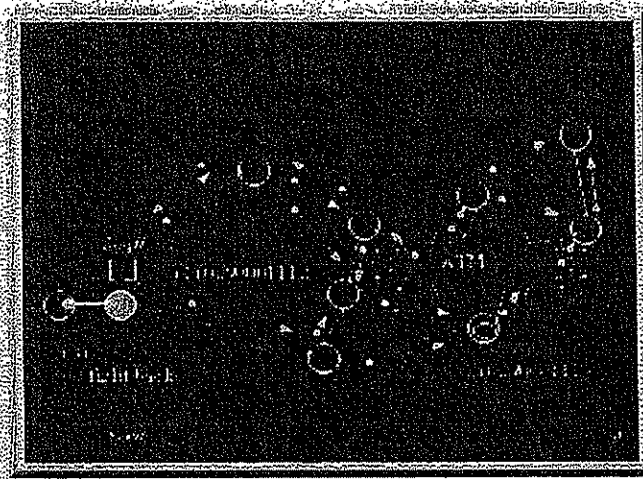
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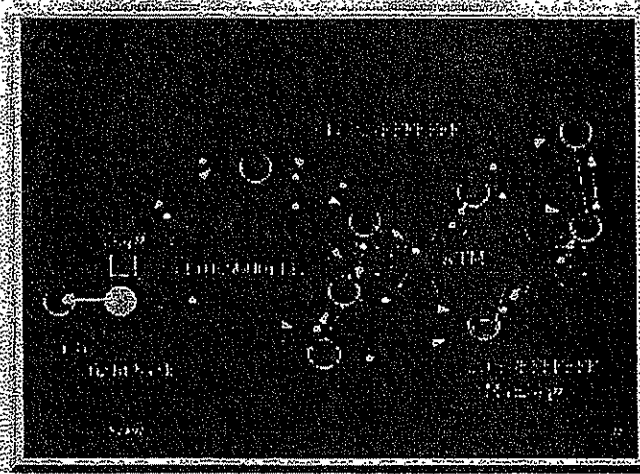
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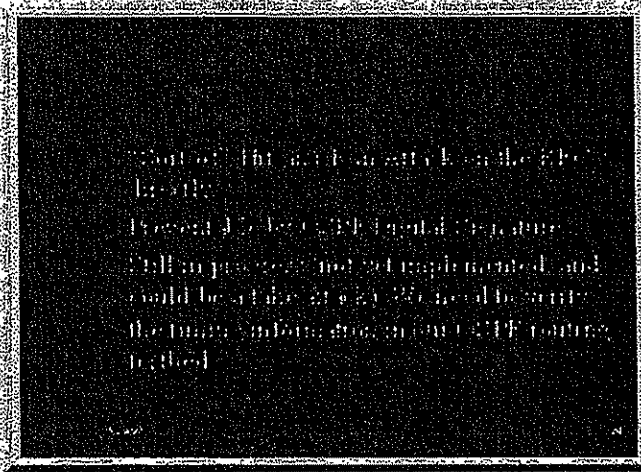


Max-Sequence Number Attack

Initial PAM attack had two dependencies:
Implementation of LRU contained in two
non-published, well-known packages:
PAM and Mseq#1.2.3. Package has not
been implemented correctly.

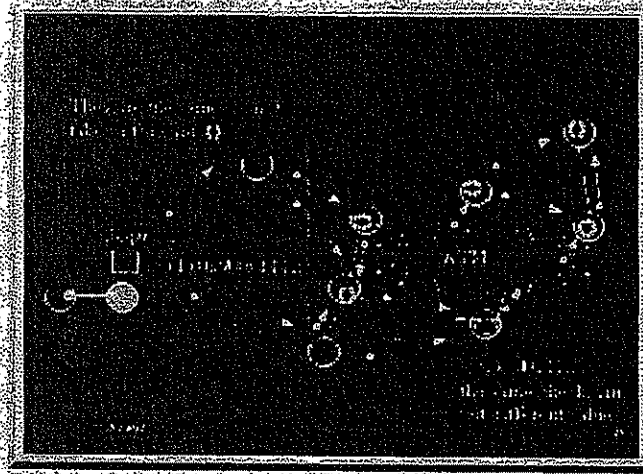
Impact: The intruder can control the
sequence of data sent up to the host.





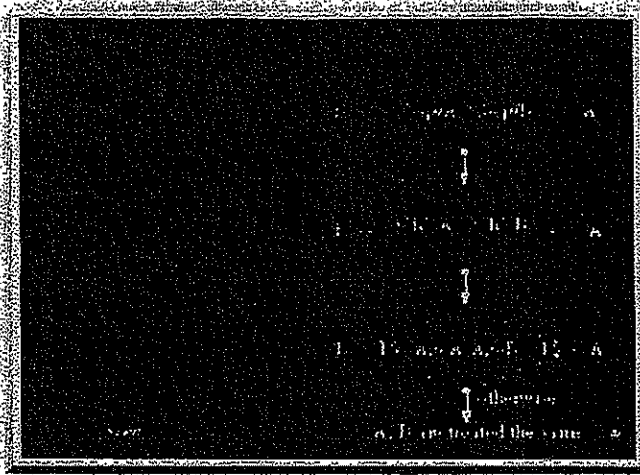
Undetected Tampering

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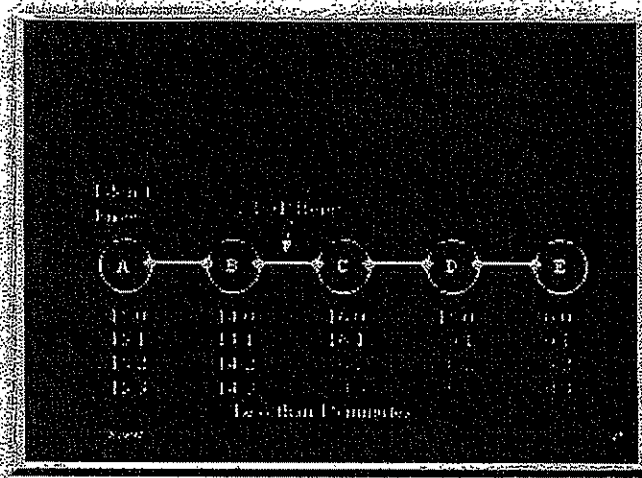
Fresher LSA?

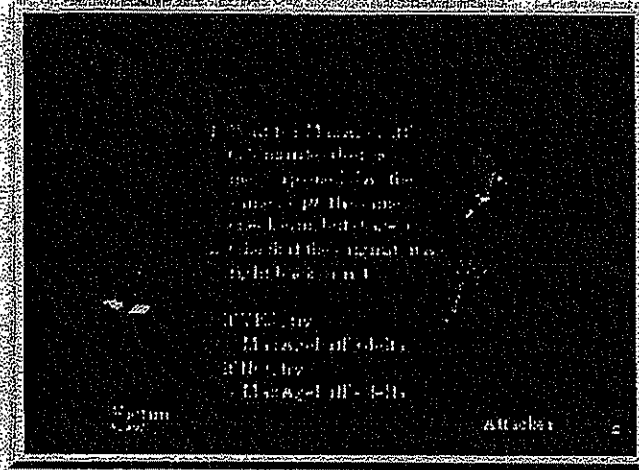
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Linear Case: LSA Age.

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MaxAgeDiff Attack

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